



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

K

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/617,438	07/11/2003	Hal C. Danby	DB-5770 DIV 2 (BXTW 11001	3215
7590	05/03/2004		EXAMINER	
Francis C. Kowalik Baxter Healthcare Corporation One Baxter Parkway, 32E Deerfield, IL 60015-4633			CARTAGENA, MELVIN A	
			ART UNIT	PAPER NUMBER
			3754	
DATE MAILED: 05/03/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/617,438	DANBY, HAL C. <i>[Signature]</i>
	Examiner	Art Unit
	Melvin A. Cartagena	3754

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is FINAL.                                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-10 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
  1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10142003.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 5, 6 and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by US 4,368,765 to Larkin et al.

Larkin shows a flexible bag 10 for fluent material with integrally formed hanger 25 as seen in Figs. 1-7, the bag is formed with flexible material 13 and 14 enclosing a volume and plural nipples 17 and 20 on the opposite end of the hanger. The nipples are integrally formed with the bag as described in column 3, lines 29-30.

### *Claim Rejections - 35 USC § 103*

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2, 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 4,368,765 to Larkin et al. in view of US 3,768,704 to Beguin.

Larkin shows all claimed features as discussed above except for the nipples formed with tubular shape and of the flexible material as one piece with the body. Beguin shows a fluid dispenser with a tube shape nipple 25 formed as one piece with the body 12. It would have been

obvious to a person with ordinary skill in the art at the time the invention was made to modify the device of Larkin to use a nipple made with the same flexible material as the bag as taught by Beguin to better seal the nipple during use, see column 4, lines 44-53.

5. Claims 8, 9 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 4,368,765 to Larkin et al. in view of GB 2 255 073 to Dollimore.

Larkin shows all claimed features as discussed above except for a squeezing apparatus used to dispense plural materials from the bag. Dollimore shows a roller 17 pressing on multiple bags 9 and 11 to dispense plural materials. It would have been obvious to a person with ordinary skill in the art at the time the invention was made to use the device of Larking in a squeezing apparatus to dispense multiple materials as taught by Dollimore and maintain reactant materials separated until ready to be used.

### *Conclusion*

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Kirkland shows a flexible collapsible container. Van Dijk shows a device for dosing powder. Hewett shows a material dispenser. Shah shows an infusion apparatus.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin A. Cartagena whose telephone number is (703) 308-5810. The examiner can normally be reached on M-F (7:30AM to 4:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Louis G. Mancene can be reached on (703) 308-2696. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MAC 4/28/09  
MAC



GREGORY L. HUSON  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3700